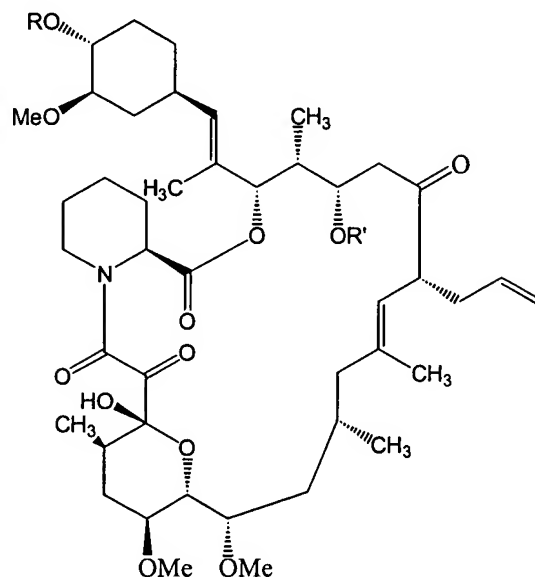
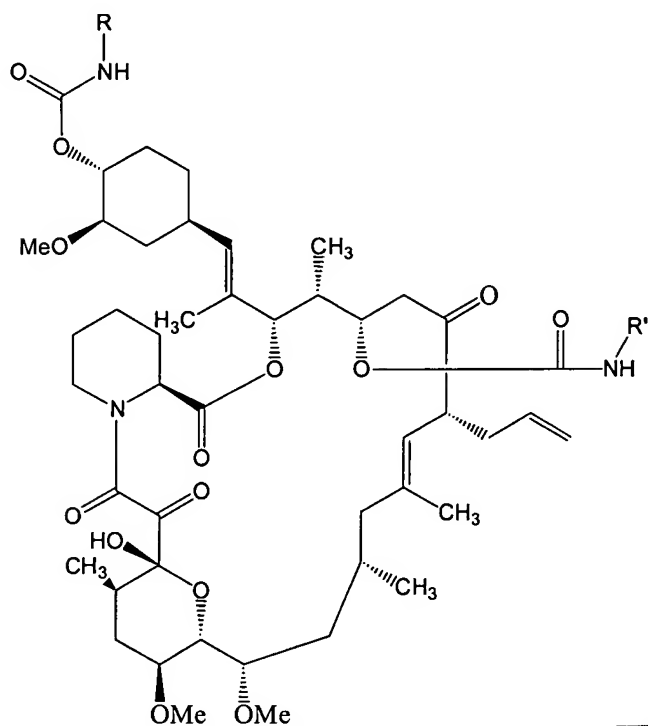


Claim 6 (amended) An assay releasing reagent for macrophilins comprising (a) an effective amount of the compound having the formula:



wherein R is contains an alkyl, aryl, allyl, carbonyl, carboxylate, amide, ester, phosphonate, phosphate, sulfonate, sulfate, amidine, or carbamate functional group; and R' is contains an alky aryl, allyl, carbonyl, carboxylate, amide, ester, phosphonate, phosphate, sulfonate, sulfate, amidine, or carbamate functional group or H; and
(b) a buffer solution.

Claim 7 (amended) A method of determining the presence of a macrophilin-binding pharmaceutical composition in a sample comprising: adding a binding competitor of the formula:

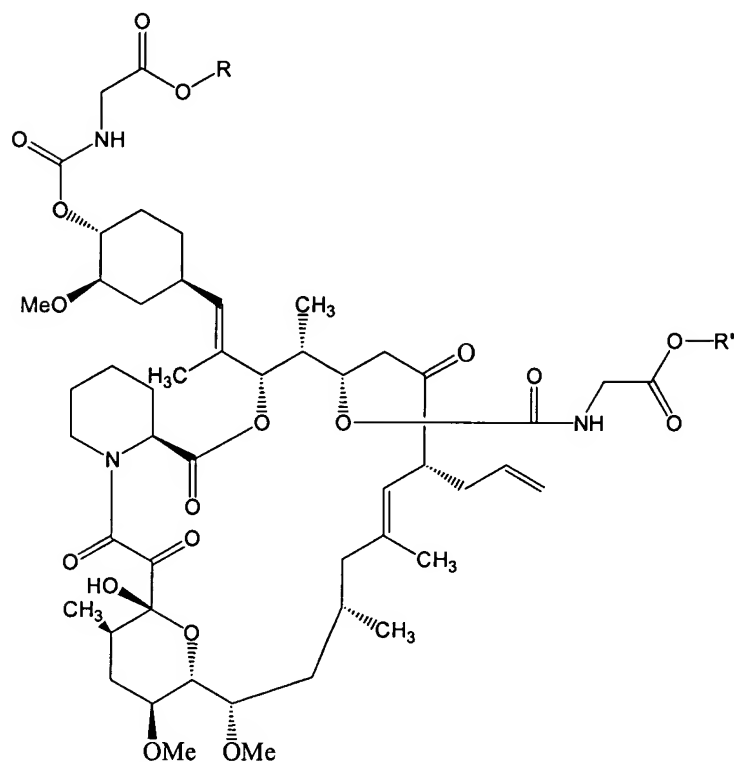


wherein R is alkyl, aryl, allyl, each having less than 25 carbons or H, and

R' is alkyl, aryl, allyl, each having less than 25 carbons or H

of claim 1 to the sample; adding a receptor that binds to the pharmaceutical but not significantly to the binding competitor; detecting the receptor-pharmaceutical composition and determining the amount of the pharmaceutical.

Claim 9 (amended) A method of determining the presence of a macrophilin-binding pharmaceutical ~~composition~~ in a sample comprising: adding a binding competitor of the formula:



wherein R is alkyl, aryl, allyl, each having less than 25 carbons or H, and

R' is alkyl, aryl, allyl, each having less than 25 carbons or H

~~of claim 3~~ to the sample; adding a receptor that binds to the pharmaceutical but not significantly to the binding competitor; detecting the receptor-pharmaceutical ~~composition~~ and determining the amount of the pharmaceutical.

Claim 12 (amended) A method of determining the presence of a macrophilin-binding pharmaceutical ~~composition~~ in a sample comprising: adding a binding competitor of the formula of claim 6 to the sample; adding a receptor that binds to the pharmaceutical but not significantly to the binding competitor; detecting the receptor-pharmaceutical ~~composition~~ and determining the amount of the pharmaceutical.

Claim 14 (new) The method of claim 8 wherein R or R' is ethyl.